



1609

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AMPLIFIER PENTODE*For applications critical as to microphonics*

Filament	Coated	
Voltage	1.1	d-c volts
Current	0.25	amp.
Direct Interelectrode Capacitances: ^o		
Grid to Plate	1.0	μpf
Input	7	μpf
Output	7	μpf
Maximum Overall Length		4-3/16"
Maximum Seated Height		3-9/16"
Maximum Diameter		1-9/16"
Bulb		ST-12
Base		Small 5-Pin
Pin 1 - Filament +		
Pin 2 - Plate		Pin 4 - Screen
Pin 3 - Grid		Pin 5 - Filament -
Mounting Position	Any	



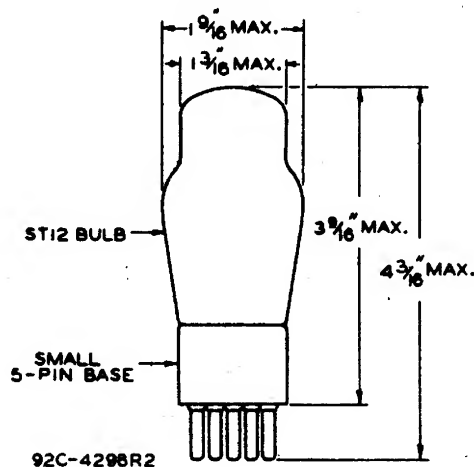
BOTTOM VIEW

*Maximum Ratings Are Absolute Values***A-F AMPLIFIER**

Plate Voltage	135 max.	volts
Screen Voltage	67.5 max.	volts
Typical Operation and Characteristics - Class A₁ Amplifier:		
Plate	135	volts
Screen	67.5	volts
Grid *	-1.5	volts
Plate Res.	0.4 approx.	megohm
Transcond.	725	μmhos
Plate Cur.	2.5	ma.
Screen Cur.	0.65	ma.

^o Without shield.

* The d-c resistance in the grid circuit of the 1609 should not exceed 0.5 megohm for fixed-bias conditions.



← Indicates a change.

Jan. 1, 1943

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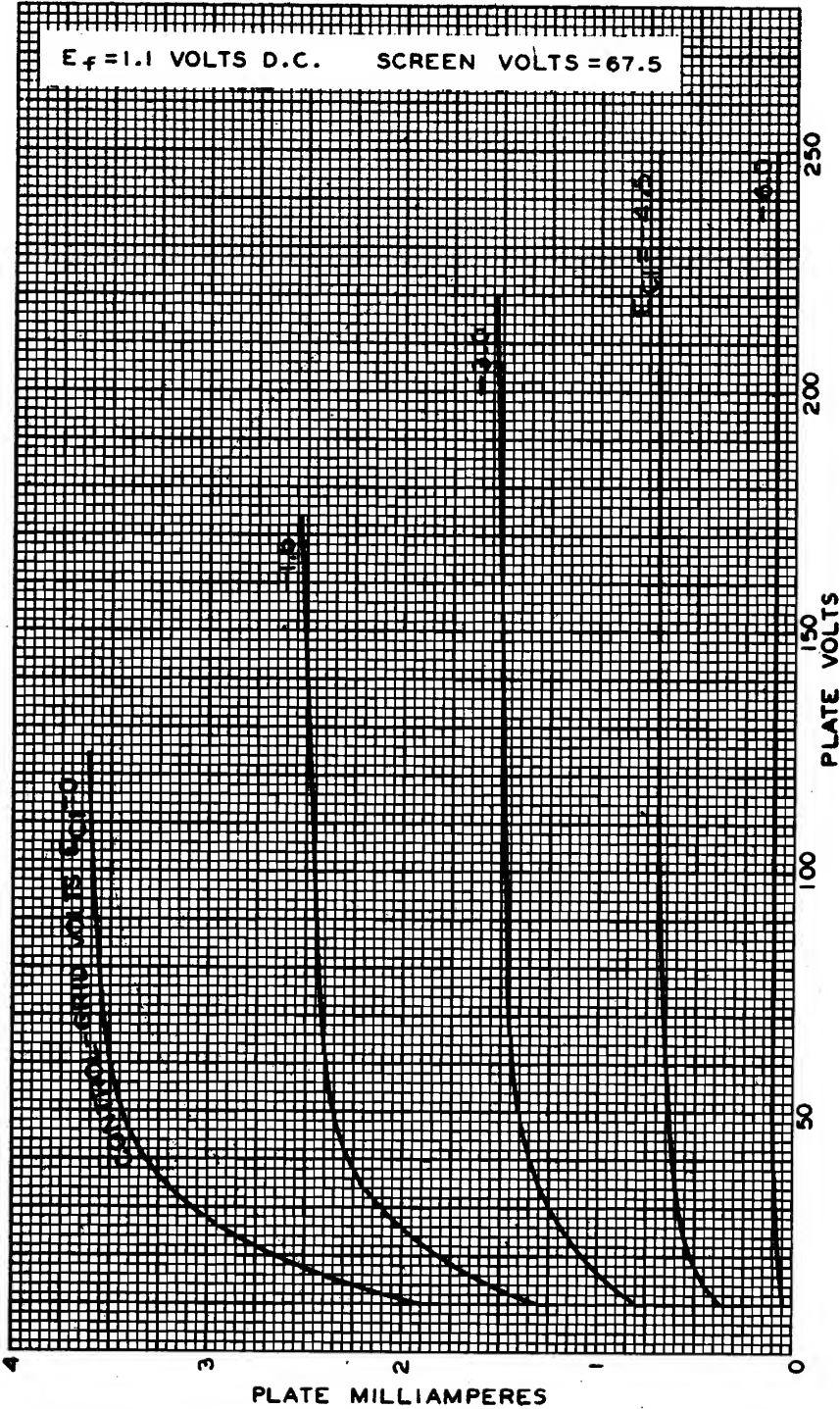
DATA

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AVERAGE PLATE CHARACTERISTICS



JAN. 26, 1937

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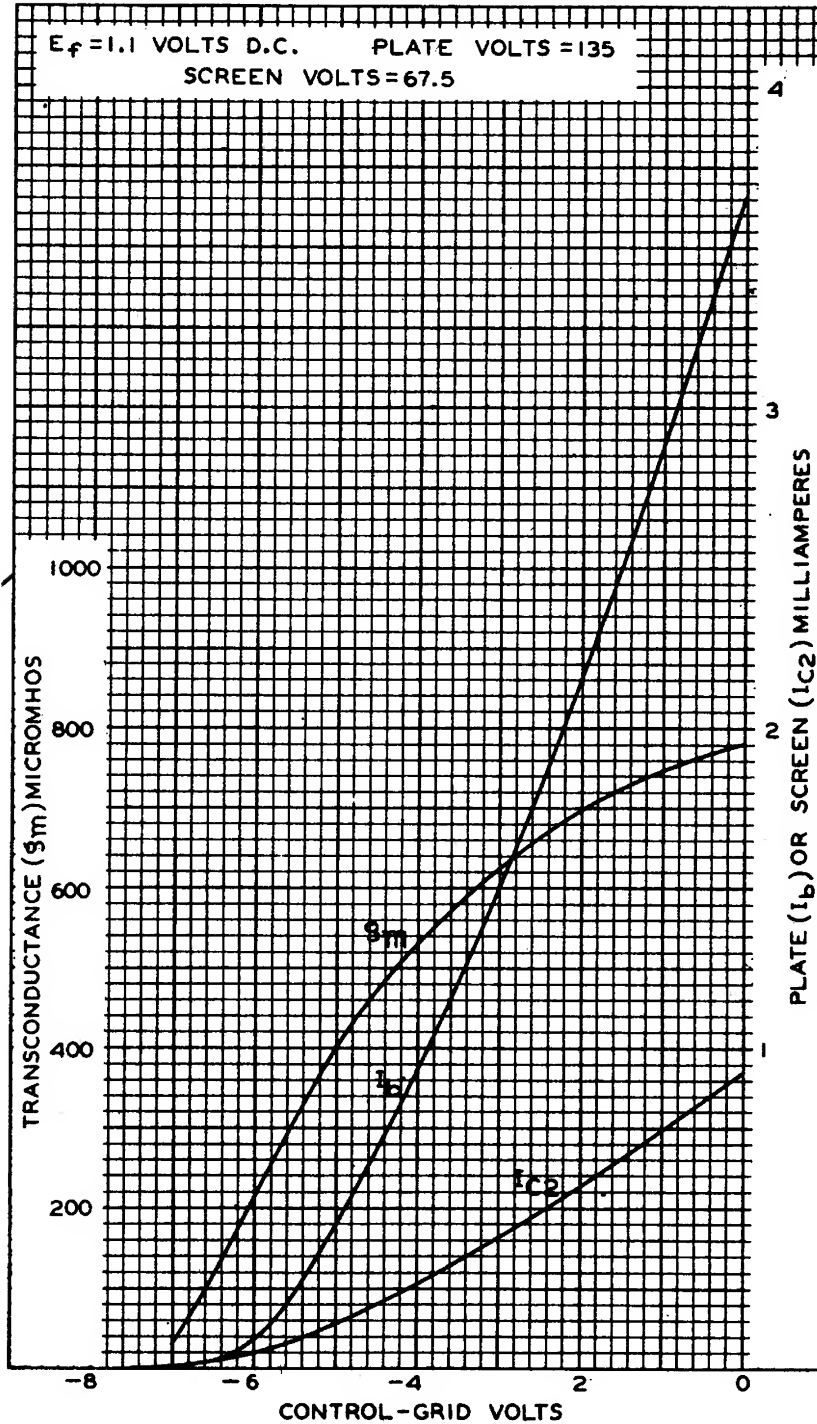
92C-4721



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AVERAGE CHARACTERISTICS



JAN. 12, 1942

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